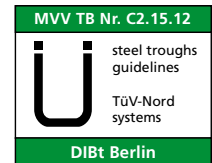


## 1. Important laws and regulations

| Shortcut  | Law / Regulation  |
|-----------|---|
| ADR       | Regulations for the transport of dangerous goods                                    |
| ASR       | Guideline for workplaces  |
| AwSV      | Regulation on facilities handling water-endangering substances                      |
| BetrSichV | Regulation for industrial safety  |
| BImSchG   | Federal Immission Control Act   |
| BImSchV   | Federal Immission Control Ordinance (e.g. 4. BImSchV, 12. BImSchV)                  |
| ChemG     | Chemicals Act   |
| CLP       | Regulation on the classification, labeling and packaging of substances and mixtures |
| DGUV      | German Social Accident Insurance  |
| GefStoffV | Ordinance of Hazardous Substances   |
| LBauO     | Construction regulations of the countries   |
| LöRüRL    | Fire water-containment guidelines   |
| REACH     | Registration, evaluation, authorization and restriction of chemical substances      |
| StawaR    | Steel trough guidelines   |
| TRBS      | Technical rules for operational safety  |
| TRGS      | Technical Regulation for hazardous substances (f.e. TRGS 509, 510)                  |
| TRwS      | Technical Rule for water-endangering substances                                     |
| WHG       | German Water Management Act   |



## 2. Specialized company

Facilities for the storage of water-endangering substances can only be manufactured and installed by specialized manufacturer in accordance with WHG. For the production a manufacturer qualification according to DIN EN 1090-2 EXC2 (formerly DIN 18800-7 Class C) is necessary.



## 3. Water-endangering liquids

| Indication                | Hazard classes |
|---------------------------|----------------|
| very hazardous (severely) | WGK 3          |
| hazardous                 | WGK 2          |
| slightly hazardous        | WGK 1          |

## 4. Sump capacity

The sump device has to collect 10% of the total media stored above, but at least the contents of the largest stored container. In water protection areas 100% of the stored media have to be collected, assuming that storage is permitted.

## 5. Approvals

Existing type tests are replaced by a declaration of conformity (UHP) of the manufacturer; collection systems with a sump capacity up to 1000 liters have to be manufactured according to the steel trough guidelines (StawaR). Beyond that general technical approvals, general type approvals or European technical evaluations are granted by DIBT for products which do not correspond to the steel trough guidelines and for collection systems made from plastic.

## 6. CLP and GHS

With the regulation (EC) No. 1272/2008 a common European labeling system based on the Global Harmonized System (GHS) has been introduced. The CLP / GHS is mandatory since 01.06.2015 and to be applied for all substances.

## 7. REACH

The regulation (EC) No 1907/2006 of 18.12.2006 is directly related to CLP and is among others, intended for the registration and evaluation of chemical substances. REACH collects data for health and safety risks of chemical substances as a basis for e.g. safety data sheets, risk assessments.